



**PIPER RUDNICK LLP**  
1200 NINETEENTH STREET, NW  
WASHINGTON, DC 20036-2412  
TELEPHONE: 202-861-3900  
FACSIMILE: 202-223-2085

DOCKET NO.: 8971-017-27

ASSISTANT COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

Re: Serial No.: 09/934,680  
Applicant(s): Duncan W. MCBRANCH, et al.  
Filing Date: August 23, 2001  
For: PEPTIDE NUCLEIC ACID BASED MOLECULAR SENSORS FOR  
NUCLEIC ACIDS  
Group Art Unit: 1634  
Examiner: Frank Wei Min Lu

SIR:

Attached hereto for filing are the following papers:

Fee Transmittal  
Request for Extension of Time (1 month)  
Amendment  
Declaration (2 pages, executed)  
Information Disclosure Statement  
PTO-1449  
Cited Documents (1)

Our check in the amount of \$ 262.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

PIPER RUDNICK LLP

Steven B. Kelber  
Attorney of Record  
Registration No.: 30,073

Christopher W. Raimund  
Registration No. 47,258



# **FEE TRANSMITTAL**

|                                |  |                 |                            |                  |
|--------------------------------|--|-----------------|----------------------------|------------------|
| <b>FEE TRANSMITTAL</b>         |  | Docket No.      | 8971-017-27                |                  |
|                                |  | Serial No.      | 09/934,680                 |                  |
|                                |  | Filing Date     | August 23, 2001            |                  |
|                                |  | Inventor(s)     | Duncan W. MCBRANCH, et al. |                  |
|                                |  | Group Art Unit  | 1634                       |                  |
| <b>TOTAL AMOUNT OF PAYMENT</b> |  | <b>\$262.00</b> | Examiner                   | Frank Wei Min LU |

|  |          |                           |          |  |   |   |   |                         |      |                                    |          |                               |          |  |                           |          |  |
|--|----------|---------------------------|----------|--|---|---|---|-------------------------|------|------------------------------------|----------|-------------------------------|----------|--|---------------------------|----------|--|
| 1. <input checked="" type="checkbox"/> Applicant claims small entity status.<br><input type="checkbox"/> Charge any <b>UNDERPAYMENT</b> or credit any <b>OVERPAYMENT</b> in the indicated fees to Deposit Account No. 50-1442.<br><input type="checkbox"/> Charge the indicated fees to Deposit Account No. 50-1442. |          |                           |          |  |   |   |   |                         |      | <b>FEE CALCULATION (continued)</b> |          |                               |          |  |                           |          |  |
| 2. <input checked="" type="checkbox"/> Check enclosed.   |          |                           |          |  |   |   |   |                         |      | <b>3. ADDITIONAL FEES</b>          |          |                               |          |  |                           |          |  |
|  |          |                           |          |  |   |   |   |                         |      | Large Entity                       |          | Small Entity                  |          | Fee Description                                      |                           |          |  |
|  |          |                           |          |  |   |   |   |                         |      | Fee Code                           | Fee (\$) | Fee Code                      | Fee (\$) |  | Fee Paid                  |          |  |
| <b>FEE CALCULATION</b>   |          |                           |          |  |   |   |   |                         |      | 1051                               | 130      | 2051                          | 65       | Surcharge-late filing fee or oath                    |                           |          |  |
| <b>1. BASIC FILING FEE</b>   |          |                           |          |  |   |   |   |                         |      | 1052                               | 50       | 2052                          | 25       | Surcharge-late provisional filing fee or cover sheet |                           |          |  |
| Large Entity   |          | Small Entity              |          | Fee Description  |   |   |   | 1053                    | 130  | 1053                               | 130      | Non-English Specification     |          |  |                           |          |  |
| Fee Code   | Fee (\$) | Fee Code                  | Fee (\$) |  |   |   |   |                         |      |                                    |          |                               |          | Fee Paid   |                           |          |  |
| 1001   | 770      | 2001                      | 385      | Utility filing fee                                       |   |   |   | 1251                    | 110  | 2251                               | 55       | 1-mo. ext. of time            |          | 55.00  |                           |          |  |
| 1002   | 340      | 2002                      | 170      | Design filing fee  |   |   |   | 1252                    | 420  | 2252                               | 210      | 2-mo. ext. of time            |          |  |                           |          |  |
| 1003   | 520      | 2003                      | 260      | Plant filing fee   |   |   |   | 1253                    | 950  | 2253                               | 475      | 3-mo. ext. of time            |          |  |                           |          |  |
| 1004   | 770      | 2004                      | 385      | Reissue filing fee                                       |   |   |   | 1254                    | 1480 | 2254                               | 740      | 4-mo. ext. of time            |          |  |                           |          |  |
| 1005   | 160      | 2005                      | 80       | Provisional filing fee                                   |   |   |   | 1255                    | 2010 | 2255                               | 1005     | 5-mo. ext. of time            |          |  |                           |          |  |
| <b>SUBTOTAL (1)</b>  |          |                           |          |  |   |   |   | \$0.00                  |      | 1401                               | 330      | 2401                          | 165      | Notice of Appeal                                     |                           |          |  |
| <b>2. EXTRA CLAIM FEES</b>   |          |                           |          |  |   |   |   | 1402                    | 330  | 2402                               | 165      | Appeal Brief                  |          |  |                           |          |  |
| <b>2. EXTRA CLAIM FEES</b>   |          |                           |          |  |   |   |   | 1403                    | 290  | 2403                               | 145      | Request for Oral Hearing      |          |  |                           |          |  |
| tot. claims  |          | 24                        | -        | 21*  | = | 3 | x | \$9                     | =    | 27                                 | 1501     | 1330                          | 2501     | 665  | Utility/Reissue Issue Fee |          |  |
| ind. claims  |          | 1                         | -        | 3*   | = | 0 | x | \$43                    | =    | 0                                  | 1502     | 480                           | 2502     | 240  | Design Issue Fee          |          |  |
| <input type="checkbox"/>   |          | Multiple Dependent Claims |          |  |   |   |   | \$145                   | =    |                                    | 1504     | 300                           | 1504     | 300  | Publication Fee           |          |  |
| Large Entity   |          | Small Entity              |          | Fee Description  |   |   |   | 8001                    | 3    | 8001                               | 3        | Advance Copy of Patent        |          |  |                           |          |  |
| Fee Code   | Fee (\$) | Fee Code                  | Fee (\$) |  |   |   |   | 1460                    | 130  | 1460                               | 130      | Petitions to the Commissioner |          |  |                           |          |  |
| 1202   | 18       | 2202                      | 9        | Claims in excess of 20                                   |   |   |   | 1806                    | 180  | 1806                               | 180      | IDS Submission                |          | 180.00   |                           |          |  |
| 1201   | 86       | 2201                      | 43       | Independent claims in excess of 3                        |   |   |   | 8021                    | 40   | 8021                               | 40       | Assignment recordation        |          |  |                           |          |  |
| 1203   | 290      | 2203                      | 145      | Multiple dependent claim, if not paid                    |   |   |   | 1801                    | 770  | 2801                               | 385      | For Filing RCE                |          |  |                           |          |  |
| 1204   | 84       | 2204                      | 43       | *Reissue independent claims over original patent         |   |   |   | 1814                    | 110  | 2814                               | 55       | Terminal Disclaimer           |          |  |                           |          |  |
| 1205   | 18       | 2205                      | 9        | *Reissue claims in excess of 20 and over original patent |   |   |   | OTHER (indicate below): |      |                                    |          |                               |          |  |                           |          |  |
| <b>SUBTOTAL (2)</b>  |          |                           |          |  |   |   |   | \$27.00                 |      |                                    |          |                               |          |  |                           |          |  |
| * or number previously paid, if greater; For Reissues, see above   |          |                           |          |  |   |   |   |                         |      | <b>SUBTOTAL (3)</b>                |          |                               |          |  |                           | \$235.00 |  |

|           |                        |                  |         |
|-----------|------------------------|------------------|---------|
| Name      | Steven B. Kelter       | Registration No. | 30,073  |
| Signature |                        | Date             | 7/22/04 |
| Name      | Christopher W. Raimund | Registration No. | 47,258  |
| Telephone | 202-861-3900           |                  |         |